Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Algebra Maintenance #6 DUE Tuesday 1/10/17

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| --- | --- | --- | --- |
| Solve for x | Find the slope | Use the Pythagorean Theorem | Write an equation in  Y intercept form |
| 5x+x-1= 2x+4x -1 | (2,5) (-3,4) | A=3 in  B=5 in  C= | M=3  B=5 |
| 3(x-1) +2x = ½(2x-4) | (4,3) (4,4) | A=8ft  B=10 ft  C= | B= 7  Goes through the point (2,3) (5,-3) |
| X2 +2x-4= x2 +5x +7 | (5,0) (-2,-4) | A=  B=12m  C=18 m | M=4  Goes through the point  (2,2) |
| 8x-1 = 8(x+4) | (2,5) ( 3,5) | A= 6cm  B=  C=12 cm | B=0  Goes through the point  (2,3) (-3,4) |
| 3x-(x+4) = 5x-7 +2x | (0,0) ( 3,-2) | A= 9 mm  B=  C= 12 mm | Y intercept 6  Slope = -2 |